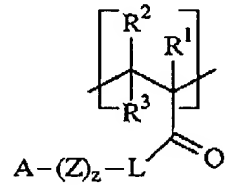
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions/listings of claims in the application:

Listing of Claims:

1. (currently amended) A method for manually cleaning an object comprising the step of manually washing said object in and contacting a user's hands with a washing solution comprising water and a detergent composition comprising a polymeric suds stabilizer and a diamine, wherein said diamine has a molecular weight of less than or equal to 400 g/mol; and ~~in which suds produced by the solution is maintained for an extended period of time by said polymeric suds stabilizer,~~ said suds stabilizer is selected from the group consisting of:

(a) polymers comprising at least one monomeric unit of the formula:



wherein each of R^1, R^2 and R^3 are independently selected from the group consisting of hydrogen, C_1 to C_6 alkyl, and mixtures thereof; L is selected from the group consisting of ~~a bond,~~ O, NR^6, SR^7R^8 and mixtures thereof, wherein R^6 is selected from the group consisting of hydrogen, C_1 to C_8 alkyl and mixtures thereof; each of R^7 and R^8 are independently hydrogen, O, C_1 to C_8 alkyl and mixtures thereof, or SR^7R^8 form a heterocyclic ring containing from 4 to 7 carbon atoms, optionally containing additional hetero atoms and optionally substituted; Z is selected from the group consisting of: $-(CH_2)-$, $(CH_2-CH=CH)-$, $-(CH_2-CHOH)-$, $(CH_2-CHNR^6)-$, $-(CH_2-CHR^{14}-O)-$ and mixtures thereof; wherein R^{14} is selected from the group consisting of hydrogen, C_1 to C_6 alkyl and mixtures thereof; z is an integer selected from about 0 to about 12; A is NR^4R^5, wherein each of R^4 and R^5 are independently selected from the group consisting of hydrogen, C_1 to C_8 alkyl, and mixtures thereof, or NR^4R^5 form an heterocyclic ring containing from 4 to 7 carbon atoms, optionally containing additional hetero atoms, optionally fused to a benzene ring, and optionally substituted by C_1 to C_8 hydrocarbyl; and wherein said polymeric suds stabilizer has a molecular weight of from about 1,000 to about 2,000,000 daltons;

(b) a proteinaceous suds stabilizer, said proteinaceous suds stabilizer having an isoelectric point of from about 7.5 to about 11.5; ~~and~~

(c) a zwitterionic polymeric suds stabilizer; and

(d) mixtured thereof;

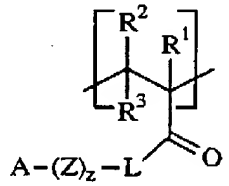
~~wherein said method further including the step of washing the said object with said solution; and~~

wherein said suds stabilizer is [[a ,]] mild, suds enhancing[[, suds stabilizer]] and suds stabilizing such that suds produced by said solution is maintained for an extended period of time by said suds stabilizer and a user's hands, after submersion in a solution containing said suds stabilizer, are not irritated.

Claims 2-3 (canceled)

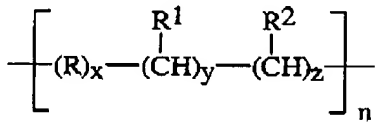
4. (previously presented) The method according to Claim 1 wherein said polymeric suds stabilizer comprises a molecular weight of from about 5,000 to About 1,000,000.

5. (previously presented) The method according to Claim 1 wherein said polymeric suds stabilizer comprises polymers having at least one monomeric unit of the formula:



wherein each of R^1, R^2, R^3, L, Z, z and A are as hereinbefore defined.

6. (previously presented) The method according to Claim 1 wherein said zwitterionic polymeric suds stabilizer has the formula:



wherein R is C_1-C_{12} linear alkylene, C_1-C_{12} branched alkylene, and mixtures thereof; R^1 is a unit capable of having a negative charge at a pH of from about 4 to about 12; R^2 is a unit capable of having a positive charge at a pH of from about 4 to about 12; n has a value such that said zwitterionic polymers suds stabilizer has an average molecular weight of from about 1,000 to about 2,000,000 daltons; x is from 0 to 6; y is 0 or 1; and z is 0 or 1.

Claims 7-14 (canceled)

15. (previously presented) The method according to Claim 1 wherein said polymeric suds stabilizer is selected from the group consisting of a homopolymer, a copolymer, a terpolymer and mixtures thereof.

16. (currently amended) The method according to Claim 1 wherein said composition further comprises a detersive surfactant selected from the group consisting of anionic surfactants, nonionic surfactants, amphoteric surfactants, zwitterionic surfactants, cationic surfactants, and mixtures thereof.

17. (currently amended) The method according to Claim 16 wherein said ~~anionic~~ detersive surfactant[[,]] is an anionic surfactant having skin irritating characteristics and is selected from the group consisting of C_8-C_{18} aklyl benzene sulfonates, C_8-C_{18} alkyl sulfates containing from 0 to 3 ethenoxy groups in the molecule, C_8-C_{25} olefin sulfonates, C_{10}-C_{20} paraffin sulfonates, C_8-C_9 alkyl phenol ethoxamer sulfates, and mixtures thereof.

18. (canceled).

19. (currently amended) The method according to Claim [[18]] 1 wherein said diamine is selected from the group consisting of dimethyl aminopropyl amine, 1,6-hexane diamine, 1,3 propane diamine, 2-methyl 1,5 pentane diamine, 1,3-[[P]]pentanediamine, 1,3-diaminobutane, 1,2-bis(2-aminoethoxy)ethane, [[I]]isophorone diamine, 1,3-bis(methylamine)-cyclohexane and mixtures thereof.

20. (currently amended) The method according to Claim ~~18~~ 1 wherein said composition further comprises an anionic surfactant, an amine oxide, an enzyme and mixtures thereof, wherein said enzyme is selected from the group consisting of amylase, protease and mixtures thereof.

21. (previously presented) The method according to Claim 20 wherein said composition further comprises an effective amount of magnesium ions.

22. (currently amended) The method according to Claim 1 wherein said composition is in a form selected from the group consisting of granules, tablets, liquids, liquid-gels, gels, microemulsion, thixatropic liquid, bars, pastes, powders and mixtures thereof.

23. (currently amended) The method according to Claim 1 wherein said composition is ~~selected from the group consisting of,~~ a hand dishwashing compositions~~, hand laundry compositions, personal cleansing compositions, shampoos and mixtures thereof~~.

24. (previously presented) The method according to Claim 1 wherein said method reduces irritation to skin caused by said detergent composition.

Claims 25-26 (canceled)

27. (new) The method according to Claim 1 wherein said proteinaceous suds stabilizer comprises at least about 10% by weight of one or more amino acids which are protonated at a pH of less than about 11.

28. (new) A method for manually cleaning an object comprising the steps of:

(a) washing said object with a washing solution comprising water and a detergent composition comprising:

(i) a suds stabilizer comprising units capable of having a cationic charge at a pH of from about 4 to about 12, provided that said suds stabilizer has an average cationic charge density of at least about 1 unit per 100 daltons molecular weight at a pH of from about 4 to about 12; and

(ii) a diamine having a molecular weight of less than or equal to 400 g/mol; and

(b) contacting said practitioner's hands with said solution while practicing said washing step, wherein suds produced by said solution are maintained by said suds stabilizer and said practitioner's hands are not irritated.

29. (new) The method according to Claim 28 wherein said polymeric suds stabilizer further comprises:

i) units capable of having an anionic charge at a pH of from about 4 to about 12;

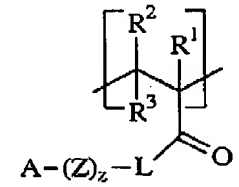
ii) units capable of having an anionic charge and a cationic charge at a pH of from about 4 to about 12;

iii) units having no charge at a pH of from about 4 to about 12; and

iv) mixtures thereof.

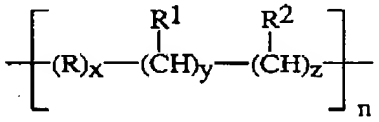
30. (new) The method according to Claim 28 wherein said polymeric suds stabilizer has an average molecular weight of from about 1,000 to about 2,000,000 daltons.

31. (new) The method according to Claim 28 wherein said polymeric suds stabilizer is a polymer comprising at least one monomeric unit of the formula:



wherein wherein each of R^1, R^2 and R^3 are independently selected from the group consisting of hydrogen, C_1 to C_6 alkyl, and mixtures thereof; L is selected from the group consisting of O, NR^6, SR^7R^8 and mixtures thereof, wherein R^6 is selected from the group consisting of hydrogen, C_1 to C_8 alkyl and mixtures thereof; each of R^7 and R^8 are independently hydrogen, O, C_1 to C_8 alkyl and mixtures thereof, or SR^7R^8 form a heterocyclic ring containing from 4 to 7 carbon atoms, optionally containing additional hetero atoms and optionally substituted; Z is selected from the group consisting of: -(CH_2)-, (CH_2-CH=CH)-, -(CH_2-CHOH)-, (CH_2-CHNR^6)-, -(CH_2-CHR^{14}-O)- and mixtures thereof; wherein R^{14} is selected from the group consisting of hydrogen, C_1 to C_6 alkyl and mixtures thereof; z is an integer selected from about 0 to about 12; A is NR^4R^5, wherein each of R^4 and R^5 are independently selected from the group consisting of hydrogen, C_1 to C_8 alkyl, and mixtures thereof, or NR^4R^5 form an heterocyclic ring containing from 4 to 7 carbon atoms, optionally containing additional hetero atoms, optionally fused to a benzene ring, and optionally substituted by C_1 to C_8 hydrocarbyl; and wherein said polymeric suds stabilizer has a molecular weight of from about 1,000 to about 2,000,000 daltons.

32. (new) The method according to Claim 28 wherein said polymeric suds stabilizer is a zwitterionic polymeric suds stabilizer of the formula:



wherein R is C_1-C_{12} linear alkylene, C_1-C_{12} branched alkylene, and mixtures thereof; R^1 is a nit capable of having a negative charge at a pH of from about 4 to about 12; R^2 is a unit capable of having a positive charge at a pH of from about 4 to about 12; n has a value such that said zwitterionic polymers suds stabilizer has an average molecular weight of from about 1,000 to about 2,000,000 daltons; x is from 0 to 6; y is 0 or 1; and z is 0 or 1.

33. (new) The method according to Claim 28 wherein said proteinaceous suds stabilizer comprises at least about 10% by weight of one or more amino acids which are protonated at a pH of less than about 11.

34. (new) The method according to Claim 28 wherein said polymeric suds stabilizer is selected from the group consisting of a homopolymer, a copolymer, a terpolymer and mixtures thereof.

35. (new) The method according to Claim 28 wherein said composition further comprises a detersive surfactant selected from the group consisting of anionic surfactants, nonionic surfactants, amphoteric surfactants, zwitterionic surfactants, cationic surfactants, and mixtures thereof.

36. (new) The method according to Claim 35 wherein said detersive surfactant is an anionic surfactant having skin irritating characteristics and is selected from the group consisting of C_8-C_{18} aklyl benzene sulfonates, C_8-C_{18} alkyl sulfates containing from 0 to 3 ethenoxy groups in the molecule, C_8-C_{25} olefin sulfonates, C_{10}-C_{20} paraffin sulfonates, C_8-C_9 alkyl phenol ethoxamer sulfates, and mixtures thereof.

37. (new) The method according to Claim 28 wherein said diamine is selected from the group consisting of dimethyl aminopropyl amine, 1,6-hexane diamine, 1,3 propane diamine, 2-methyl 1,5 pentane diamine, 1,3-pentanediamine, 1,3-diaminobutane, 1,2-bis(2-aminoethoxy)ethane, isophorone diamine, 1,3-bis(methylamine)-cyclohexane and mixtures thereof.

38. (new) The method according to Claim 28 wherein said composition further comprises an anionic surfactant, an amine oxide, an enzyme and mixtures thereof, wherein said enzyme is selected from the group consisting of amylase, protease and mixtures thereof.

39. (new) The method according to Claim 38 wherein said composition further comprises an effective amount of magnesium ions.

40. (new) The method according to Claim 28 wherein said composition is in a form selected from the group consisting of granules, tablets, liquids, liquid-gels, gels, microemulsion, thixatropic liquid, bars, pastes, powders and mixtures thereof.

41. (new) The method according to Claim 28 wherein said composition is a hand dishwashing composition.

42. (new) The method according to Claim 28 wherein said method reduces irritation to skin caused by said detergent composition.